U.S. Appln. No. 10/734,167

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-16 (canceled).

Claim 17 (currently amended): An ink supporter comprising:

an ink permeation member provided at a portion corresponding to a printer head, wherein said ink permeation member being is obtained by producing a flexible polyurethane foam by using from a foamable raw material containing a polyol, an isocyanate, a catalyst, and a foaming agent, and making wherein said flexible polyurethane foam is impregnated with a surface active agent in an amount of 1 to 500,000 g per 1 m³ of said polyurethane foam contain a surface active agent; and

an ink absorbing member being in contact with said ink permeation member, said ink absorbing member being is obtained by producing a flexible polyurethane foam by using from a foamable raw material containing a polyol, an isocyanate, a catalyst, and a foaming agent, and thermally compressing said flexible polyurethane foam at a compression magnification of [[2]] 5 to 20 times by a hot press.

Claim 18 (original): An ink supporter according to claim 17, wherein said ink absorbing member contains a surface active agent.

Claim 19 (original): An ink supporter according to claim 17, wherein the number of cells

of said flexible polyurethane foam for forming said ink absorbing member is in a range of 20 pieces/25 mm or more.

Claim 20 (original): An ink supporter according to claim 19, wherein the number of cells of said flexible polyurethane foam for forming said ink absorbing member is in a range of 40 to 150 pieces/25 mm or more.

Claim 21 (currently amended): An ink supporter according to any one of claims 17 to 20, wherein said ink permeation member is produced obtained by preparing producing a flexible polyurethane foam by using from a foamable raw material containing a polyol, an isocyanate, a catalyst, and a foaming agent; dipping said flexible polyurethane foam in water in which a surface active agent is dispersed; and squeezing water from said flexible polyurethane foam thus treated and then drying said flexible polyurethane foam, to make said surface active agent adhere on the surface of said flexible polyurethane foam.

Claim 22 (currently amended): An ink supporter according to any one of claims 17 to 20, wherein said the surface active agent of the ink permeation member is a denaturated sodium succinate.

Claim 23 (cancelled).

Claim 24 (original): An ink supporter according to claim 22, wherein said flexible polyurethane foam is impregnated with the amount of said denaturated sodium succinate adhering on said flexible polyurethane foam is in a range in the amount of 1,000 to 20,000 g per 1 m³ of said polyurethane foam.

Claim 25 (original): An ink supporter according to any one of claims 17 to 20, wherein

said ink absorbing member is formed of a plurality of ink absorbing layers; and

the ink absorbing abilities of said plurality of said ink absorbing layers are set such that said ink absorbing layer located farther from said ink permeation member has a higher ink absorptivity.

Claim 26 (original): An ink supporter according to claim 25, wherein the thermal compression magnifications of said plurality of ink absorbing layers are set such that said ink absorbing layer located farther from said ink permeation member has a higher thermal compression magnification.

Claim 27 (New): An ink supporter according to claim 17, wherin said compression magnification of said flexible polyurethane foam is from 5 to 10 times.

Claim 28 (New): An ink supporter according to claim 17, wherin said compression magnification of said flexible polyurethane foam is from 8 to 10 times.

Claim 29 (New): An ink supporter according to claim 17, wherein said flexible polyurethane foam of the ink permeation member is impregnated with said surface active agent in the amount of 1,000 to 20,000 g per 1 m³ of said polyurethane foam.

Claim 30 (New): An ink supporter according to claim 17, which is used for the pigment ink.